

**10/577448****APR 2006** 27 APR 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
 Masao NONAKA et al. : **Mail Stop: PCT**  
 Serial No. NEW : Attorney Docket No. 2006\_0611A  
 Filed April 27, 2006 :  
 CONTENT DISTRIBUTION SERVER, KEY  
 ASSIGNMENT METHOD, CONTENT OUTPUT  
 APPARATUS, AND KEY ISSUING CENTER  
 [Corresponding to PCT/JP2004/019124  
 Filed December 15, 2004]

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THE COMMISSIONER IS AUTHORIZED  
 TO CHARGE ANY DEFICIENCY IN THE  
 FEES FOR THIS PAPER TO DEPOSIT  
 ACCOUNT NO. 23-0975

#### INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- each U.S. Patent and U.S. Patent application publication;
- each reference previously cited in the international application PCT/\_\_\_\_\_;  
and/or
- each reference previously cited in prior parent application Serial No.  
\_\_\_\_\_.

1a.  This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

ATTACHMENT "C"

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

- 1b.  This Information Disclosure Statement is submitted  
after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:
  - (1)  the certification of paragraph 2 below is provided, **or**
  - (2)  the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.
  
- 1c.  This Information Disclosure Statement is submitted:  
after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**
  
2. It is hereby certified
  - a.  that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
  - b.  that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

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3.  Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a.  a full or partial English language translation submitted herewith,
  - b.  a foreign patent office search report (in the English language) submitted herewith,
  - c.  the concise explanation contained in the specification of the present application at page 2,
  - d.  the concise explanation set forth in the attached English language abstract,
  - e.  the concise explanation set forth below or on a separate sheet attached to the reference:

**U.S. Patent Publication No. 2002/0076204 corresponds to EP 1 215 844.**

5.  A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Masao NONAKA et al.

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April 27, 2006

FORM PTO 1449 (modified)

ATTY DOCKET NO.  
2006\_0611ASERIAL NO.  
NEW

10577448

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

APPLICANT

Masao NONAKA et al.

LIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: April 27, 2006

FILING DATE

April 27, 2006

GROUP

## U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL |    | DOCUMENT NUMBER | DATE   | NAME          | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|--------|---------------|-------|----------|----------------------------|
|                   | AA | 2002/0076204    | 6/2002 | Nakano et al. |       |          |                            |
|                   | AB |                 |        |               |       |          |                            |
|                   | AC |                 |        |               |       |          |                            |
|                   | AD |                 |        |               |       |          |                            |
|                   | AE |                 |        |               |       |          |                            |
|                   | AL |                 |        |               |       |          |                            |
|                   | AC |                 |        |               |       |          |                            |
|                   | AH |                 |        |               |       |          |                            |
|                   | AI |                 |        |               |       |          |                            |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT NUMBER | DATE   | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|--|----|-----------------|--------|---------|-------|----------|--------------------|
|  | AL | 1 215 844       | 6/2002 | EP      |       |          |                    |
|  | AK |                 |        |         |       |          |                    |
|  | AL |                 |        |         |       |          |                    |

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |  |
|----|--|
| AM | CANETTI, R., et al. "MULTICAST SECURITY: A TAXONOMY AND SOME EFFICIENT CONSTRUCTIONS", INFOCOM '99, Eighteenth Annual Joint Conference of the IEEE Computer and Communications Societies, Proceedings, IEEE New York, NY, USA March 21-25, 1999, Fiscataway, NJ, USA, IEEE US, vol. 2, March 21, 1999, pages 708-716, XP010323810. |
| AN | "Dejitaru Hosokyoku Sisutemu no Shikumi (Mechanism of Digital Broadcasting Station System)", Japanese non patent literature, pages 134-136.  |
| AO | "BS Dejitaru Houso yo gentei jushin shisutemu to sono kanri - unei (The Conditional Access System for BS Digital Broadcasting and its Management/Operation)", Japanese non patent literature, pages 59-71.   |

EXAMINER

/Jeffrey Popham/

DATE CONSIDERED

07/30/2009

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.P./